

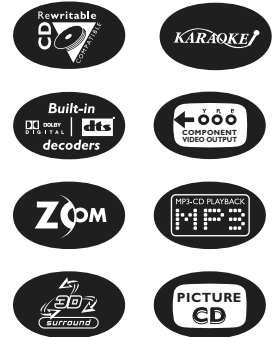


## Ultra slim DVD-Video Karaoke player

# Discover the progressive scan difference

### PICTURE QUALITY

- **3:2 pull down Progressive Scan** - For high vertical resolution and razor sharp images
- **Component video output** - High quality video connection
- **Smart Picture** - Convenience of ideal and personal settings



### SOUND QUALITY

- **Built-in Dolby Digital and DTS decoders** - For dynamic digital surround sound
- **192kHz/24 bit audio DAC for high quality audio output**
- **3D sound** - Virtual surround sound via 2-speaker output

### GREAT CONVENIENCE

- **Multi-format playability** - Plays DVD-Video, VCD, SVCD, MP3-CD, CD-R, CD-RW, CD Audio and Picture CD format
- **Digital Zoom** - Advanced high resolution digital zoom for extreme close up's
- **Karaoke** - Perfect your performance with language and vocal tuition
- **Disc Resume** - 5 disc bookmark
- **Disc Lock** - For controlled viewing
- **Picture CD** - view Camera Photo CDs (JPG format)



Let's make things better.



PHILIPS

# DVD-Video Karaoke player



## Technical specifications DVD 733K

### Playback system

- DVD-Video
- Video CD (VCD)
- SVCD
- Picture CD
- MP3-CD<sup>1</sup>
- CD (CD-R and CD-RW)<sup>1</sup>
- DVD+RW and DVD+R

### Optical read-out system

- Laser type Semiconductor AlGaAs
- Numerical Aperture 0.60 (DVD)  
0.45 (VCD/SVCD/CD)
- Wavelength 650 nm (DVD)  
780 nm (VCD/SVCD/CD)

### DVD disc format

- Medium Optical disc
- Diameter 12 cm (8 cm)
- Playing time (12cm)
 

One layer	2.15 h <sup>2</sup>
Dual layer	4 h <sup>2</sup>
Two side single layer	4.30 h <sup>2</sup>
Two side dual layer	8 h <sup>2</sup>

### TV standard

**PAL**                      **NTSC**

- |                   |                           |      |
|-------------------|---------------------------|------|
|                   | 50 Hz                     | 60Hz |
| • Number of lines | 625                       | 525  |
| • Playback        | Multi standard (PAL/NTSC) |      |

### Video format

- Digital compression MPEG 2 for DVD, SVCD  
MPEG 1 for VCD

DVD	50Hz	60Hz
Horiz. resolution	720 pixels	720 pixels
Vertical resolution	576 lines	480 lines
VCD	50Hz	60Hz
Horiz. resolution	352 pixels	352 pixels
Vertical resolution	288 lines	240 lines

### Video performance

- Video output 1 Vpp into 75 ohm
- S-Video output Y: 1Vpp into 75 Ohm  
C: 0.3Vpp into 75 Ohm
- Component Video output  
Y 1Vpp into 75 Ohm  
Pr 0.7Vpp into 75 Ohm  
Pb 0.7Vpp into 75 Ohm

### Audio format

- Digital
 

Mpeg/Dolby Digital/DTS/PCM	Compressed Digital, 16, 20, 24 bits fs, 44.1, 48, 96 kHz
MP3 (ISO 9660)	24, 32, 56, 64, 96, 128, 256 kbps & variable bit rate fs, 16, 22.05, 24, 32, 44.1, 48 kHz

- Analog sound stereo
- Dolby surround compatible downmix from Dolby Digital multi-channel sound
- 3D sound for virtual 5.1 channel sound on 2 speakers
- Dolby Digital surround sound reproducing from 5.1 channels.

### Audio performance (typical)

- D/A converter 24 bits

DVD:	Fs 96 kHz	4 Hz- 44 kHz
	Fs 48 kHz	4 Hz- 22 kHz
CD/VCD:	Fs 44.1 kHz	4 Hz- 20 kHz
SVCD:	Fs 48 kHz	4 Hz- 22 kHz
	Fs 44.1 kHz	4 Hz- 20 kHz

- Signal-noise (1kHz) 100 dB
- Dynamic Range (1kHz) 100 dB
- Crosstalk (1kHz) 105 dB
- Distortion/noise (1kHz) 85 dB

### Connection

- Component Video out Cinch (Red/Green/Blue)
- S-Video output Mini DIN 4-pins
- Video output Cinch (yellow)
- Audio output(5.1) Cinch
- Audio L+R Output Cinch (white/ red)
- Digital Output 1 coaxial, 1 optical IEC958 for CDDA/LPCM IEC1937 for MPEG 1/2, Dolby Digital, DTS

### Power supply

- Power inlet 110~240V, 50,60 Hz
- Power usage Approx. 10 watt

### Cabinet

- Dimension 435 x 55 x 300mm (w x h x d)
- Weight Approx. 3.0 kg

### Package contents

- DVD-video player
- Remote control with batteries
- User's manual
- Audio cable
- Video cable

### General functionality

- Stop/ play/ pause
- Fast forward/ backward
- Step forward
- Slow motion
- Title/ chapter/ track select
- Skip next/ skip previous
- Repeat (Chapter/ title/all) or (Track/all)
- A-B repeat
- Zoom
- 3D sound
- Screen saver
- Resume (5 discs) after stop<sup>3</sup>
- Parental control and disc lock (80 disc)
- Programming Titles / chapters or track with Favorite Track Selection (FTS)

### DVD functionality

- Multi-angle selection
- Audio selection (1 out of max. 8 languages)
- Subtitles selection (1 out of max. 32 languages)
- Aspect ratio conversion (16:9, 4:3 letterbox, 4:3 Pan Scan)
- Disc Menu support (title menu and root menu)

### Video CD functionality

- Playback control for VCD 2.0 discs

### SVCD functionality

- Playback control as per SVCD standard
- Audio Selection (1 out of max. 4 languages)

### Picture CD functionality

- Playback pictures one by one automatically
- Display the picture customer preferred
- Zoom the picture
- Rotate the picture
- Flip the picture
- Control the playback speed

### MP3-CD functionality

- Album and track selection
- Repeat (disc/album/track)
- Nested directory levels supported to 8 levels
- Max. album numbers possible is 32
- Max. MP3 Tracks Programmable is 96
- Max. number of tracks is 999

### Karaoke functionality

- Language learning and karaoke learning function

1 Only Applicable for Single session finalised disc.  
2 Typical playing time for movie with 2 spoken languages and 3 subtitle languages.  
3 Not Applicable for MP3-CD and Picture CD